

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"gypsum board" same "paper recovery"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 11:18
S2	0	"gypsum board" same "paper recycling"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 11:18
S3	1166	"gypsum board" same "paper"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 11:18
S4	38015	"gypsum board" paper and (reuse or recycle)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 11:18
S5	75	"gypsum board" and paper and (reuse or recycle)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 11:18
S6	135	"gypsum board" and paper and (reuse or recycle or recycling)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 11:27
S8	40	"gypsum wallboard" and paper and (reuse or recycle or recycling) not S6	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 11:53
S9	16	"gypsum wallboard" and paper and (reuse or recycle or recycling) and burning	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 11:58
S10	5	(US-20070145621-\$).did. or (US-5593096-\$ or US-5238195-\$ or US-5183213-\$ or US-6164572-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/10/07 12:21
S11	1	S10 and burn	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 12:22
S12	1	S10 and heat	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 12:22
S14	159	("gypsum board" or "gypsum wall board") same (kiln or burning)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 12:26

S17	513	("gypsum board" or "gypsum wall board") and (kiln or burning)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 13:49
S18	30	("gypsum board" or "gypsum wall board") and (kiln or burning)	EPO; JPO; DERWENT	OR	OFF	2008/10/07 13:49
S19	1	burning near5 ("Gypsum board" or "Gypsum wall board" or "gypsum wallboard")	EPO; JPO; DERWENT	OR	OFF	2008/10/07 13:51
S20	4	burning near5 ("Gypsum board" or "Gypsum wall board" or "gypsum wallboard")	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 13:52
S21	9	burn near5 ("Gypsum board" or "Gypsum wall board" or "gypsum wallboard")	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 13:52
S22	139	(burn burning heat heating desiccate desicating calcining) near5 ("Gypsum board" or "Gypsum wall board" or "gypsum wallboard")	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 14:18
S23	4	((MICHIO) near2 (NISHI)).INV.	US-PGPUB; USPAT	OR	OFF	2008/10/07 14:19
S24	0	((TAKEHIRO) near2 (TANAKA)).INV.	USPAT; USOCR	OR	OFF	2008/10/07 14:19
S25	1	((SHIZUO) near2 (TAIRA)).INV.	US-PGPUB; USPAT	OR	OFF	2008/10/07 14:19
S26	2	((TAKEHIRO) near2 (TANAKA)).INV.	US-PGPUB; USPAT	OR	OFF	2008/10/07 14:21
S27	34	((MICHIO) near2 (NISHI)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/10/07 14:21
S28	46	((TAKEHIRO) near2 (TANAKA)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/10/07 14:29
S29	6	((SHIZUO) near2 (TAIRA)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/10/07 14:29
S30	0	162/4 and gypsum	EPO; JPO; DERWENT	OR	OFF	2008/10/07 14:33

S31	1	162/4.ccls. and fiberboard	EPO; JPO; DERWENT	OR	OFF	2008/10/07 14:33
S32	1	162/4.ccls. and gypsum	EPO; JPO; DERWENT	OR	OFF	2008/10/07 14:33
S33	10	162/4.ccls. and gypsum	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 14:34
S34	1	162/4.ccls. and gypsum and fiberboard	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 14:36
S35	4	162/4.ccls. and "gypsum board"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 14:36
S36	0	162/4.ccls. and "gypsum wallboard"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 14:36
S37	0	162/4.ccls. and "gypsum wall board"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 14:36
S38	0	264/37.1.ccls. and "gypsum wall board"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 14:37
S39	3	264/37.1.ccls. and "gypsum"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 14:37
S40	74	"gypsum wallboard" and paper and (reuse or recycle or recycling)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/07 14:38
S41	792	D21D5/02	EPO; JPO; DERWENT	OR	OFF	2009/11/12 10:53
S42	18	D21D\$4 and light same reject	EPO; JPO; DERWENT	OR	OFF	2009/11/12 11:03
S43	50	rotary near2 drum near2 wash\$3 and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 11:08
S44	14	("0292947"   "0889159"   "2064024"   "4140629"   "4439320"   "4485646"   "4507202"   "5266168"   "5607587"   "6261417"   "6868973").FN. OR ("7044307").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 11:12

S45	14	("0292947"   "0889159"   "2064024"   "4140629"   "4439320"   "4485646"   "4507202"   "5266168"   "5607587"   "6261417"   "6868973").PN. OR ("7044307").URPN. and ash	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 11:12
S46	0	((("0292947"   "0889159"   "2064024"   "4140629"   "4439320"   "4485646"   "4507202"   "5266168"   "5607587"   "6261417"   "6868973").PN. OR ("7044307").URPN. ) and ash	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 11:12
S47	0	((("0292947"   "0889159"   "2064024"   "4140629"   "4439320"   "4485646"   "4507202"   "5266168"   "5607587"   "6261417"   "6868973").PN. OR ("7044307"). URPN. ) and ash	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 11:12
S48	14	("0292947"   "0889159"   "2064024"   "4140629"   "4439320"   "4485646"   "4507202"   "5266168"   "5607587"   "6261417"   "6868973").PN. OR ("7044307").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 11:12

S49	14	rotary near2 drum near2 wash\$3 and ash and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 11:15
S50	16	rotary near2 drum near2 wash\$3 and ash and pulp	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 11:16
S51	2	rotary near2 drum near2 wash\$3 and ash and pulp not S49	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 11:16
S52	0	rotary near2 drum near2 wash\$3 and gypsum and pulp not S49	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 11:16
S53	0	rotary near2 drum near2 wash\$3 and gypsum and pulp	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 11:17
S54	1	rotary near2 drum near2 wash\$3 and gypsum and paper	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 11:17
S55	3	rotary near2 drum near2 wash\$3 and gypsum	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 11:21
S56	5	rotary near2 drum near2 wash\$3 and gypsum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/12 11:21
S57	8	("3275150"   "4724077"   "5685983"   "5692619").PN. OR ("6868973").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 11:30
S58	11	("3275150").URPN.	USPAT	OR	OFF	2009/11/12 11:38
S59	1	through near3 flow near3 drum near3 washer	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 11:58
S60	0	through near3 flow near3 rotary near3 washer	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 11:59
S61	43	through near3 flow near3 rotary near3 drum	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 11:59
S62	11	through near3 flow near3 rotary near3 drum and (pulp paper fibre41 fiber \$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 11:59

S64	3205	rotary near3 drum and (pulp paper fibre41 fiber\$1) and inside	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 12:01
S65	2046	rotary near3 drum and (pulp paper fibre41 fiber\$1) and wash\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 12:01
S66	203	rotary near3 drum near3 wash\$3 and (pulp paper fibre41 fiber\$1) and wash\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 12:01
S67	203	rotary near3 drum near3 wash\$3 and (pulp paper fibre41 fiber\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 12:01
S68	1	"6470898".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 12:21
S69	8	("1435285"   "2337137"   "3727621"   "3995458"   "4472272"   "6076379").PN. OR ("6470898").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 12:24
S70	1	"6470898".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 12:31
S71	8	("1435285"   "2337137"   "3727621"   "3995458"   "4472272"   "6076379").PN. OR ("6470898").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/18 09:13
S72	0	("6470898").URPN.	USPAT	OR	OFF	2011/01/18 09:13
S73	8	("3275150"   "4724077"   "5685983"   "5692619").PN. OR ("6868973").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/18 09:13
S74	0	S73 and mm	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/18 09:36
S75	59	pulp same wash\$3 same drum same mm	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/18 09:37

S76	65	pulp and wash\$3 same drum same (inches mm) same (mesh holes)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/18 10:11
S77	20	pulp and wash\$3 same drum same (inches mm) same (mesh holes) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/18 10:11
S78	79	pulp and drum same (inches mm) same (mesh holes) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/18 10:13
S79	59	pulp and drum same (inches mm) same (mesh holes) and "162".clas. not S77	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/18 10:13
S80	99	drum and (inches mm) near15(mesh hole\$1) and "162".clas. and wash\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/18 10:14
S81	85	drum and (inches mm) near15(mesh hole\$1) and "162".clas. and wash\$3 not S78	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/18 10:14
S82	285	"rotary drum" and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/18 10:16
S83	168	"rotary drum" and "162".clas. and (mm inch\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/18 10:18
S84	174	"rotary drum" and "162".clas. and (cm mm inch\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/18 10:20
S85	878	"drum" and "162".clas. and (cm mm inch\$1) and wash\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/18 10:23
S86	785	"drum" and "162".clas. and (cm mm inch\$1) and wash\$3 not S84	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/18 10:23
S87	47	"drum washer" and "162".clas. and (cm mm inch\$1) not S84	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/18 10:25

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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L3	34	gypsum.clm. and paper.clm. and (recycl\$4 recover \$4).clm.	USPAT; UPAD	OR	OFF	2012/01/03 13:01
L4	78	gypsum.clm. and paper.clm. and (recycl\$4 recover \$4).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2012/01/03 13:01
L5	51	gypsum.clm. and paper.clm. same (recycl\$4 recover \$4).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2012/01/03 13:02
L6	3042	gypsum.clm. and (board wall \$1board).clm. paper.clm. near25 (recycl\$4 recover\$4).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2012/01/03 13:02
L7	19	gypsum.clm. and (board wall \$1board).clm. and paper.clm. near25 (recycl\$4 recover\$4).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2012/01/03 13:03
L8	0	(162/4.ccls. 264/37.1.ccls.) and gyspum adj2 (wall\$board board fib \$3board)	US-PGPUB; USPAT; UPAD	OR	OFF	2012/01/03 13:13
L9	5	(162/4.ccls. 264/37.1.ccls.) and gypsum adj2 (wall\$board board fib \$3board)	US-PGPUB; USPAT; UPAD	OR	OFF	2012/01/03 13:14
L10	127	gypsum adj2 (wall \$board board fib \$3board) same (paper fiber\$1 fibre\$1) same (recover\$3 recycl \$4)	US-PGPUB; USPAT; UPAD	OR	OFF	2012/01/03 13:15
L11	35	gypsum adj2 (wall \$board board fib \$3board) same (paper fiber\$1 fibre\$1) same (recover\$3 recycl \$4) and wash\$3	US-PGPUB; USPAT; UPAD	OR	OFF	2012/01/03 13:15

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